



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Inventor: Hiroaki SUDO et al. Group Art Unit: 2661
Appln. No.: 09/550,167 Examiner: R. Pizarro
Filed: April 14, 2000
For: OFDM RECEIVING APPARATUS, OFDM TRANSMISSION
APPARATUS AND OFDM COMMUNICATION METHOD

REQUEST FOR CONSIDERATION OF
INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner of Patents
Washington, DC 20231

Dear Sir:

With respect to the Information Disclosure Statements filed April 14, 2000 and June 28, 2004, applicants respectfully request that the Examiner initial and return a copy of the previously supplied Form PTO-1449's indicating consideration of the references; for the convenience of the Examiner, a copy of the Form PTO-1449's are attached, as well as a copy of the IDS's and PTO date-stamped filing receipts.

Respectfully submitted,

Date: March 10, 2005

James E. Ledbetter
Registration No. 28,732

JEL/ejw
Attorney Docket No. JEL 31064
STEVENS, DAVIS, MILLER & MOSHER, L.L.P.
1615 L STREET, NW, Suite 850
P.O. Box 34387
WASHINGTON, DC 20043-4387
Telephone: (202) 785-0100
Facsimile: (202) 408-5200

BEST AVAILABLE COPY

The Official Dating Stamp of the Patent and
Trademark Office Hereon is acknowledgment
of the filing of

COPY

New Patent Application: 57 pgs. Spec., 16 Claims, Abstract, 24 sheets of drwgs.
(Figs. 1-24); executed Declaration; PTO-1595 w/Assignment and check no.
13188 for \$40.00; Information Disclosure Statement w/PTO-1449 with two IEICE
Technical Reports (in Japanese) w/abstracts (in English) thereof and three sheets
of Applicants' comments; Claim for Priority w/one Japanese certified priority document;
and Preliminary Amendment.

Description

of paper: New Utility Patent Transmittal (in dup.) w/check no. 13187
for \$768.00

Name of

Applicants: Hiroaki SUDO et al.

Serial No.: New Patent Application

Atty. File No.: JEL 31064 Sender's Initials: JEL/lmq



STEVENS, DAVIS, MILLER & MOSHER, LLP.
1615 L Street, NW, Suite 850
P.O. Box 34387
Washington, DC 20043-4387



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Inventors: Hiroaki SUDO et al.

Application No.: New Patent Application

Filed: April 14, 2000

For: OFDM COMMUNICATION APPARATUS

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner of Patents
Washington, DC 20231

Sir:

Pursuant to Rules 56 and 99, Applicants hereby call the attention of the Patent Office to the references listed on the attached Form PTO 1449.

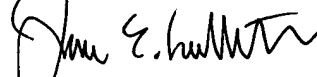
Applicants present this art so that the Patent Office may, in the first instance, determine any relevancy thereof to the presently claimed invention, see Beckman Instruments, Inc. v. Chemtronics, Inc., 439 F.2d 1369, 1380, 165 USPQ 355, 364 (5th Cir. 1970). Also see Patent Office Rules 104 and 106.

Applicants respectfully request that this art be expressly

Information Disclosure Statement - H. SUDO et al.
April 14, 2000
Page 2

considered during the prosecution of this application and made of record herein and appear among the "References Cited" on any patent to issue herefrom.

Respectfully submitted,



Date: April 14, 2000

James E. Ledbetter
Registration No. 28,732

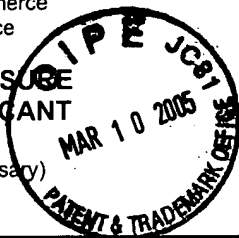
Attorney Docket No. JEL 31064

STEVENS, DAVIS, MILLER & MOSHER, L.L.P.
1615 L Street, N.W., Suite 850
P.O. Box 34387
Washington, D.C. 20043-4387
Telephone: (202) 408-5100
Facsimile: (202) 408-5200

FORM PTO-1449 U.S. Department of Commerce
(Rev. 4/92) Patent and Trademark Office

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use several sheets if necessary)



ATTY. DOCKET NO.

JEL 31064

SERIAL NO.

New Patent Application

APPLICANT

Hiroaki SUDO et al.

FILING DATE

April 14, 2000

GROUP

Unassigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLAS S	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLAS S	TRANSLATION
					YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

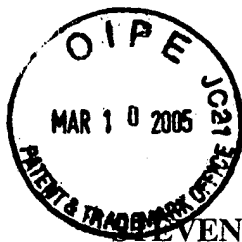
	Akinori Taira et al., "A Study on Timing Synchronization Technique for OFDM," Technical Report of IEICE, CS99-41, RCS99-33 (1999-06), pp. 49-54, in Japanese, with abstract in English thereof and two pages of comments provided by Applicants.
	Nobuaki Mochizuki et al., "Frequency and Timing Error Control Technique using a Broadcast Channel for OFDM," IEICE, Sogo Taikai (1999, B-5-10), p. 361, in Japanese, with abstract in English thereof and one page of comments provided by Applicants.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])



FILE COPY

EVENS, DAVIS, MILLER & MOSHER, L.L.P.

1615 L Street, NW, Suite 850

Washington, DC 20036

THE PATENT AND TRADEMARK OFFICE OFFICIAL FILING DATE STAMP HEREON IS
ACKNOWLEDGMENT OF FILING:

<input type="checkbox"/>	Amendment	<input type="checkbox"/>	New Patent Application
<input type="checkbox"/>	Response to Restriction Requirement	<input type="checkbox"/>	Pages of Specification
<input type="checkbox"/>	Supplemental Amendment	<input type="checkbox"/>	Claims
<input type="checkbox"/>	Election Requirement	<input type="checkbox"/>	Declaration/Power of Attorney
<input type="checkbox"/>	Claim for Priority w/ Certified Priority Document	<input type="checkbox"/>	Abstract of the Disclosure
<input type="checkbox"/>	Petition for Month Extension of Time	<input type="checkbox"/>	Pages Formal/Informal Drawings
<input type="checkbox"/>	Request for Consideration	<input type="checkbox"/>	Assignment Document w/PTO-1595
<input type="checkbox"/>	Letter to Official Draftsman with shts. of formal drwgs.	<input type="checkbox"/>	Small Entity Declaration
<input type="checkbox"/>	Issue Fee Transmittal (in dup.)	<input checked="" type="checkbox"/>	Information Disclosure Statement w/PTO-1449 w/3 JP docs., 1 EP doc., 2 English Abstract; 1 JP Office Action w/English translation thereof
<input type="checkbox"/>	Change of Address and Associate		
<input type="checkbox"/>	Power of Attorney		
<input checked="" type="checkbox"/>	Certification Under 37 CFR 1.97(e)(1)		

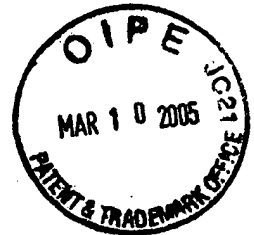
APPLICANTS: Hiroaki SUDO, et al
TITLE: OFDM COMMUNICATION APPARATUS
DATE: April 14, 2000
DOCKET NO.: JEL 31064
APPLN. NO.: 09/550,167



DOCKETED

By hN on 6/29/2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re the Application of

Inventors: Hiroaki SUDO, et al. Art Unit: 2749
Application No.: 09/550,167 Examiner: R. Pizarro
Filed: April 14, 2000
For: OFDM COMMUNICATION APPARATUS

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner of Patents
Washington, DC 20231

Dear Sir:

Pursuant to Rules 56 and 99, Applicants hereby call the attention of the Patent Office to the documents listed on the attached Form PTO 1449. Attached is a Japanese Office Action dated March 30, 2004 with a partial English translation thereof. US '821 corresponds to JP '097. EP '241 corresponds to JP '131.

Applicants present this art so that the Patent Office may, in the first instance, determine any relevancy thereof to the presently claimed invention, see Beckman Instruments, Inc. v. Chemtronics, Inc., 439 F.2d 1369, 1380, 165 USPQ 355, 364 (5th Cir. 1970). Also see Patent Office Rules 104 and 106. Applicants respectfully request that this art be expressly considered during the prosecution of this application and made of record herein and appear among the "References Cited" on any patent to issue herefrom.

Respectfully submitted,

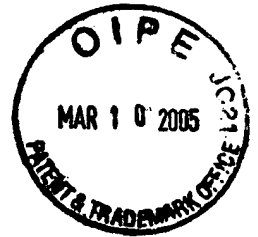
James E. Ledbetter
Registration No. 28,732

Date: June 30, 2004

JEL/mat

ATTORNEY DOCKET NO. JEL 31064
STEVENS, DAVIS, MILLER & MOSHER, L.L.P.
1615 L STREET, NW, Suite 850
WASHINGTON, DC 20043-4387
Telephone: (202) 785-0100
Facsimile: (202) 408-5200

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re the Application

Inventor: Hiroaki SUDO, et al. Group Art Unit: 2749
Appln. No.: 09/550,167 Examiner: R. Pizarro
Filed: April 14, 2000
For: OFDM COMMUNICATION APPARATUS

CERTIFICATION UNDER 37 CFR §1.97(e)(1)

Assistant Commissioner of Patents
Washington, DC 20231

Dear Sir:

In fulfillment of 37 CFR 1.97(c)(1) and 1.97(e)(1), it is hereby certified that each item of information contained in the attached Information Disclosure Statement was first cited in any communication (see the attached copy of a Japanese Office Action dated March 30, 2004) from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "James E. Ledbetter".

James E. Ledbetter
Registration No. 28,732

Date: June 28, 2004

JEL/mat

ATTORNEY DOCKET NO. JEL 31064
STEVENS, DAVIS, MILLER & MOSHER, L.L.P.
1615 L STREET, NW, Suite 850
P.O. Box 34387
WASHINGTON, DC 20043-4387
TELEPHONE: (202) 785-0100
FACSIMILE: (202) 408-5200

